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☐ 1: AAD13189. NAD-dependent DNA...[gi:4235372]

BLink, Domains, Links

LOCUS AAD13189 527 aa linear BCT 08-FEB-1999

DEFINITION NAD-dependent DNA ligase [Thermus aquaticus].

ACCESSION AAD13189

VERSION AAD13189.1 GI:4235372

DBSOURCE locus AF092863 accession AF092863.1

KEYWORDS

SOURCE Thermus aquaticus

ORGANISM Thermus aquaticus

Bacteria; Deinococcus-Thermus; Deinococci; Thermales; Thermaceae; Thermus.

REFERENCE 1 (residues 1 to 527)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Biochemical properties of a high fidelity DNA ligase from Thermus species AK16D

JOURNAL Nucleic Acids Res. 27 (3), 788-794 (1999)

MEDLINE 99108143

PUBMED 9889274

REFERENCE 2 (residues 1 to 527)

AUTHORS Tong, J., Cao, W. and Barany, F.

TITLE Direct Submission

JOURNAL Submitted (18-SEP-1998) Microbiology, The Joan and Sanford I. Weill Medical College of Cornell University, 1300 York Avenue, Box 62, New York, NY 10021, USA

COMMENT Method: conceptual translation supplied by author.

FEATURES

source

Location/Qualifiers

1..527

/organism="Thermus aquaticus"

/strain="YT-1"

/db_xref="taxon:271"

Protein

<1..>527

/product="NAD-dependent DNA ligase"

CDS

1..527

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/transl_table=11

ORIGIN

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121 rgevypiea flrlngelye agerifknpr naaagslrqk dprvtarrgl ratfyalglg
181 leetglksqh dlllwlkerg fpvehgftra lgaegveevy qawlkerkl pfeadgvvvk
241 lddlalwrel gytaraprfa laykfpaee etrllsvafq vgrtgritpv gvlepvfieg
301 sevsrvtlhn esfieeldvr igdwvlvha ggviplrv lkerrtgeek pilwpncpe
361 cghallkegk vhrpcnplcp akrfeairhy asrkamdiqg lgekliekll ekglvrddad
421 lyrlrkedll dlermgaksa enllrqies krglerlly alglpgvgev larnlalrfg
481 hmdrlleagl gdllevegvg eltarailnt lkdpefrdlv rrlkeag

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